Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9269 Coax - 93 Ohms

For more Information please call

1-800-Belden1



General Description:

22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

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Physical Characteristics (Overall)

Conductor

AWG:

#	Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1		22	Solid	BCCS - Bare Copper Covered Steel	.025

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
Semi-Solid PE - Semi-Solid Polyethylene	0.026	0.146

Outer Shield

Outer Shield Material:

	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.032

Overall Cable

Overall Nominal Diameter: 0.239 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
UL Temperature Rating:	60°C (UL AWM Style 1478)
Bulk Cable Weight:	36 lbs/1000 ft.
Max. Recommended Pulling Tension:	84 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2, CM	
CEC/C(UL) Specification:	CM	
AWM Specification:	UL Style 1478 (30 V 60°C)	
EU Directive 2011/65/EU (ROHS II):	Yes	
EU CE Mark:	Yes	
EU Directive 2000/53/EC (ELV):	Yes	
EU Directive 2002/95/EC (RoHS):	Yes	

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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
PMSHA Specification:	SC-182/3
Customer Part Number Reference Specification:	IBM P/N 323921
RG Type:	62A/U
ame Test	
UL Flame Test:	UL1685 UL Loading
lenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	89269, 87269, 82269

Electrical Characteristics (Overall)

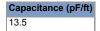
Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

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DCR @ 20°C (Ohm/1000 ft)
2.9
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Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.3
10	0.9
50	1.9
100	2.7
200	3.8
400	5.3
700	7.3
900	8.2
1000	8.7

Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	СМ
150 V RMS	CL2

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30 V RMS AWM Style 1478

Max. Operating Voltage - Non-UL:

Voltage 750 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9269 A8RU1000	1,000 FT	36.000 LB	BEIGE, SNOW		RG-62A/U TYPE COAX
9269 003U1000	1,000 FT	36.000 LB	ORANGE		RG-62A/U TYPE COAX
9269 010U1000	1,000 FT	36.000 LB	BLACK		RG-62A/U TYPE COAX
9269 010U500	500 FT	18.500 LB	BLACK		RG-62A/U TYPE COAX 306 2.09
9269 0101000	1,000 FT	38.000 LB	BLACK		RG-62A/U TYPE COAX
9269 0101640	1,640 FT	60.680 LB	BLACK	С	RG-62A/U TYPE COAX
9269 0102000	2,000 FT	76.000 LB	BLACK	С	RG-62A/U TYPE COAX
9269 0103280	3,280 FT	121.360 LB	BLACK	С	RG-62A/U TYPE COAX
9269 010500	500 FT	19.000 LB	BLACK	С	RG-62A/U TYPE COAX
9269 0105000	5,000 FT	185.000 LB	BLACK	С	RG-62A/U TYPE COAX
9269 060U1000	1,000 FT	36.000 LB	CHROME		RG-62A/U TYPE COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-16-2012

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